

Message Text

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ACTION COME-00

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FM AMEMBASSY LONDON

TO SECSTATE WASHDC 4955

INFO USMISSION NATO BRUSSELS

UNCLAS LONDON 13603

E.O. 11652: N/A

TAGS: BEXP. UK

SUBJECT: NATO INFRASTRUCTURE PROJECT: ICB NOTICE:
CONSTRUCTION OF AIRCRAFT SHELTERS

1. EMBASSY HAS RECEIVED ICB NOTICE PERTAINING TO CONSTRUCTION OF 7 AIRCRAFT SHELTERS (HARDENED) AT RAF GREENHAM COMMON, BERKSHIRE, ENGLAND.

2. AIRCRAFT SHELTERS TO BE CONSTRUCTED ARE APPROX. ELLIPTICAL IN CROSS-SECTION; MAIN INTERNAL DIMENSIONS ARE:

LENGTH 36.660 METERS
WIDTH AT FLOOR LEVEL 21.580 METERS
HEIGHT AT CENTER-LINE 8.353 METERS

INDIVIDUAL AIRCRAFT SHELTERS COMPRISE:

A. REINFORCED CONCRETE GROUND BEAMS WHICH SUPPORT ARCH LINERS; THE FLOOR IN PAVEMENT QUALITY CONCRETE (PQC).

B. ARCH LINERS, CHANNELS AND ASSOCIATED COMPONENTS TO BE SUPPLIED BY U.S. GOVERNMENT AND FOR WHICH SEPARATE ICB ACTION WILL BE TAKEN BY U.S. AUTHORITIES.

TYPICAL ARCH LINERS ARE GALVANIZED CORRUGATED STEEL ABOUT 3MM THICK AND 610MM CREST TO CREST WITH 360MM DEPTH OF MAIN LONGITUDINAL CORRUGATION WITH MINOR TRANSVERSE CORRUGATIONS THEREIN, BENT TO RADII SHOWN ON DRAWINGS TO SUIT SHELTER PROFILE.

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C. REAR WALL (WITH ASSOCIATED STEEL SLIDING DOOR), JET

EFFLUX TUNNEL AND DEFLECTOR IN REINFORCED CONCRETE.

D. MAIN BI-PARTING STEEL-BACKED REINFORCED CONCRETE DOOR WITH STEEL STABILISING OUT-RIGGER, IN TWO LEAVES, MOUNTED ON STEEL DUAL TRACKS SUPPORTED ON A REINFORCED CONCRETE FOUNDATION.

E. HARDENING OF ARCH LINERS WITH REINFORCED CONCRETE TO MINIMUM THICKNESS OF 450MM OVER CREST OF LINERS.

F. ASSOCIATED ELECTRICAL INSTALLATION WORKS (LIGHTING AND POWER), VENTILATION SYSTEM, AIRCRAFT WINCH SYSTEM AND DOOR DRIVE GEAR.

3. SCOPE OF MAIN CONTRACT INCLUDES EXCAVATION OVER EACH SITE, INCLUDING FOR ACCESS APRONS, TO ACCURATE LEVELS; CONSTRUCTION OF CONCRETE FOUNDATIONS AND FLOOR IN ACCORDANCE WITH DRAWINGS; ERECTION OF ARCH LINERS USING U.S. GOVERNMENT SUPPLIED COMPONENTS; SUPPLY, FABRICATION AND ERECTION OF ALL DOORS AND THEIR ASSOCIATED TRACKS AND FOUNDATIONS; HARDENING OF SHELTERS INCLUDING (C) ABOVE WITH REINFORCED CONCRETE. SCOPE ALSO INCLUDES CONSTRUCTION OF AIRCRAFT ACCESS APRONS IN PQC TO INDIVIDUAL SHELTERS TOGETHER WITH AN AGE CONCRETE HARDSTAND FOR EACH SHELTER, ASSOCIATED DRAINAGE WORKS AND ASPHALT RAMPS AS REQUIRED. ASSOCIATED M & E WORKS DESCRIBED AT (F) ABOVE TOGETHER WITH ELECTRICAL MAINS DISTRIBUTION WORK INCLUDING AVIATION GROUND LIGHTING WILL BE CARRIED OUT AS NOMINATED SUB-CONTRACTS UNDER MAIN CONTRACT AND SEPARATE ICB NOTICES WILL BE ISSUED FOR THOSE WORKS.

4. IT IS PROPOSED TO INVITE TENDERS FOR MAIN CONTRACT DURING FIRST QUARTER 1977 FOR WORK START EARLY DURING THIRD QUARTER 1977. MAIN CONTRACTOR WILL BE RESPONSIBLE FOR ALL WORK INCLUDING THAT CARRIED OUT UNDER NOMINATED SUB-CONTRACTS. ORDER OF COST IS 1,946,000 POUNDS EXCLUSIVE OF COST OF U.S. GOVERNMENT SUPPLIED ITEMS - PARA 2(B) ABOVE REFERS.

5. ANY ADDITIONAL INFORMATION REQUIRED MAY BE OBTAINED FROM: THE PROJECT MANAGER, MR. A.J. POTTS, DEPARTMENT OF THE ENVIRONMENT PSA, 88 BLENHEIM CRESCENT, RUISLIP, MIDDLESEX HA4 7EG, ENGLAND, TELEPHONE: RUISLIP 33381, UNCLASSIFIED

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EXT. 117. FIRMS ELIGIBLE AND WISHING TO BE INVITED TO TENDER SHOULD REPLY (QUOTING THIS CABLE NUMBER) WITHIN ONE MONTH TO OFFICE OF COMMERCIAL AFFAIRS AT THIS EMBASSY.
ARMSTRONG

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Margaret P. Grafeld
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